## STN & Caplus, Japio, Inspec, USPATFULL

(FILE 'HOME' ENTERED AT 12:06:03 ON 20 DEC 2007)

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FILE 'REGISTRY' ENTERED AT 12:06:11 ON 20 DEC 2007
L1
          1558 S SILICON/CNS AND GERMANIUM/CNS
T.2
             5 S ARGON/CN OR HELIUM/CN OR NITROGEN/CN OR KRYPTON/CN OR
XENON/C
L3
             1 S NEON/CN
L4
             24 S CHF3/MF OR CF4/MF OR C2F6/MF OR SF6/MF
L5
            0 S F6C/MF
              9 S F4S/MF
L6
    FILE 'CAPLUS' ENTERED AT 12:08:28 ON 20 DEC 2007
        1540368 S ETCH? OR PATERN? OR REMOV?
L7
          50597 S SIGE OR GESI OR (SI OR SILICON) (3A) (GE OR GERMANIUM)
L8
L9
           4729 S L7 AND (L8 OR L1)
        1314162 S AR OR HE OR NE OR N2 OR KR OR XE OR ARGON OR HELIUM
OR NEON O
          62579 S XENON OR KRYPTON
L11
          48490 S SF6 OR CHF3 OR CF4 OR C2F6 OR TRIFLUOROMETHANE OR
L12
SULFUR (3A) H
           2490 S HEXAFLUOROETHANE OR PERFLUOROETHANE
L13
L14
             56 S L9 AND (L10 OR L11 OR L2) AND (L4 OR L6 OR L12 OR
L13)
       817842 S SEMICONDUCT? OR WAFER? OR CHIP?
L15
L16
             33 S L14 AND L15
             23 S L14 NOT L16
L17
     FILE 'JAPIO' ENTERED AT 12:13:59 ON 20 DEC 2007
L18
             1 S L16
L19
             0 S L17
     FILE 'INSPEC' ENTERED AT 12:14:22 ON 20 DEC 2007
L20
             11 S L16
L21
             0 S L17
     FILE 'USPATFULL' ENTERED AT 12:14:57 ON 20 DEC 2007
          1048 S L16
L22
                SET HIGH OFF
L23
        904610 S SEMICONDUCT? OR WAFER? OR CHIP?
L24
        3128504 S HIGH ON
                SET HIGH ON
              5 S L7(P) L8(P) (L10 OR L11) (P) (L12 OR L13)
              4 S L23 AND L25
L26
L27
              1 S L25 NOT L26
L28
             20 S L1 AND (L2 OR L3) AND (L4 OR L6) AND L7 AND L23
L29
            19 S L28 NOT L25
            526 S L7(P)L8(P)(L10 OR L11)
L30
L31
             4 S L29 AND L30
L32
            15 S L29 NOT L31
            30 S L7(P)L8(P)(L12 OR L13)
L33
L34
             0 S L29 AND L33
            796 S L7(P)L8(P)?FLUOR?
L35
L36
             0 S L32 AND L35
         732855 S (ETCH? OR PATERN? OR REMOV?)/CLM
L37
          13647 S (SIGE OR GESI OR (SI OR SILICON) (3A) (GE OR
GERMANIUM))/CLM
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165194 S (AR OR HE OR NE OR N2 OR KR OR XE OR ARGON OR HELIUM L39 OR NEON 34098 S (XENON OR KRYPTON OR INERT(3A)GAS?)/CLM L40 723 S L37 AND L38 AND (L39 OR L40) AND L23 L41 3634 S (SF6 OR CHF3 OR CF4 OR C2F6 OR TRIFLUOROMETHANE OR L42 SULFUR (3A) 225919 S ?FLUOR?/CLM L43 L44 175 S L41 AND (L42 OR L43) 494 S L37(10A)L38 L45 L46 16 S L44 AND L45